

عبناء عرضاء علمة

علی الماری الما

OM=SY=3071.Cos(71.3)=0

Vacality = cos (M)=0 201

e + Vr

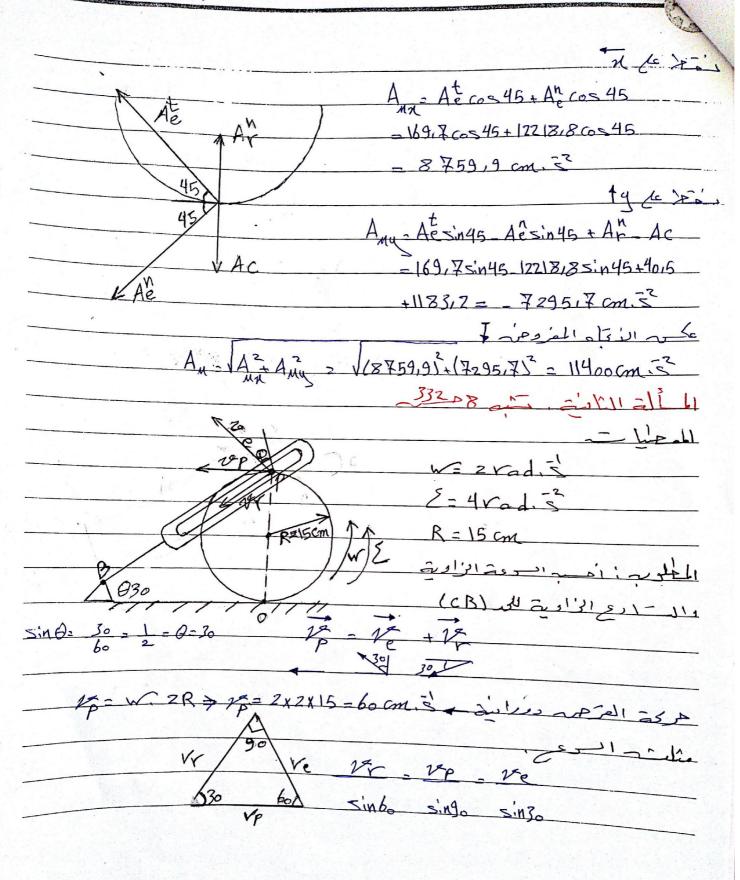
Ve= Vp = WeION = WEXRVE>



PVZ

12 x 60 V2 = 1013,2 cm. = 451 12 x 60 V2 = 1013,2 cm. = 451 12 x 60 V2 = 1013,2 cm. = 451 12 x 60 V2 = 1013,2 cm. = 451 13 x 4413 cm. = 451 14 x 50 x 45 + 4413 cm. = 4413 cm. = 451 14 x 60 V2 = 1013,2 cm. = 451 15 x 60 V2 = 1013,2 cm. = 451 16 x 60 V2 = 1013,2 cm. = 451 17 x 60 V2 = 1013,2 cm. = 451 18 x 60 V2 = 1013,2 cm. = 1013,2 cm. = 1013 18 x 60 V2 = 1013,2 cm. = 1013,2 cm. = 1013 18 x 60 V2 = 1013,2 cm. = 1013,2 cm. = 1013 18 x 60 V2 = 1013,2 cm. = 1013,2 cm. = 1013 18 x 60 V2 = 1013,2 cm. = 1013,2 cm. = 1013 18 x 60 V2 = 1013,2 cm. = 1013,2 cm. = 1013,2 cm. = 1013 18 x 60 V2 = 1013,2 cm. = 1013,2
$\frac{1}{10000000000000000000000000000000000$
1 - Vie 2 + 2 2 - V(76911) + (770) = 105315 cm 5
1 - Vie 2 + 2 2 - V(76911) + (770) = 105315 cm 5
1 = V2 + 22 18 COS 45 = 1053,3 cm, S
M'errier
M-Ae+Ar+Ac NA+ NA+ NA+ NA+ NA+ NA+ NA+ NA+
An = An = we. o.p = (12) x 60 V2 = 12218, 8 cm. 52
$A_{c}^{t} = \frac{\xi}{\xi_{c}} \cdot 0.P - 2 \times 60 \times \sqrt{2} - 169.7 \text{ cm}.^{2} + 450$ $A_{c}^{t} = \frac{\chi^{2}}{\xi_{c}} \cdot \frac{(49.3)^{3} - 40.6 \text{ cm}.^{2}}{\xi_{c}}$
$\frac{A^{\pm} = 30 \pi^{2} \cdot \pi \cdot (05 (\pi, 3) = 0)}{6 \cdot 6 \cdot 6}$
Ac= 2.We. 2= - 2x12x-49,3=-1183,26m.s2





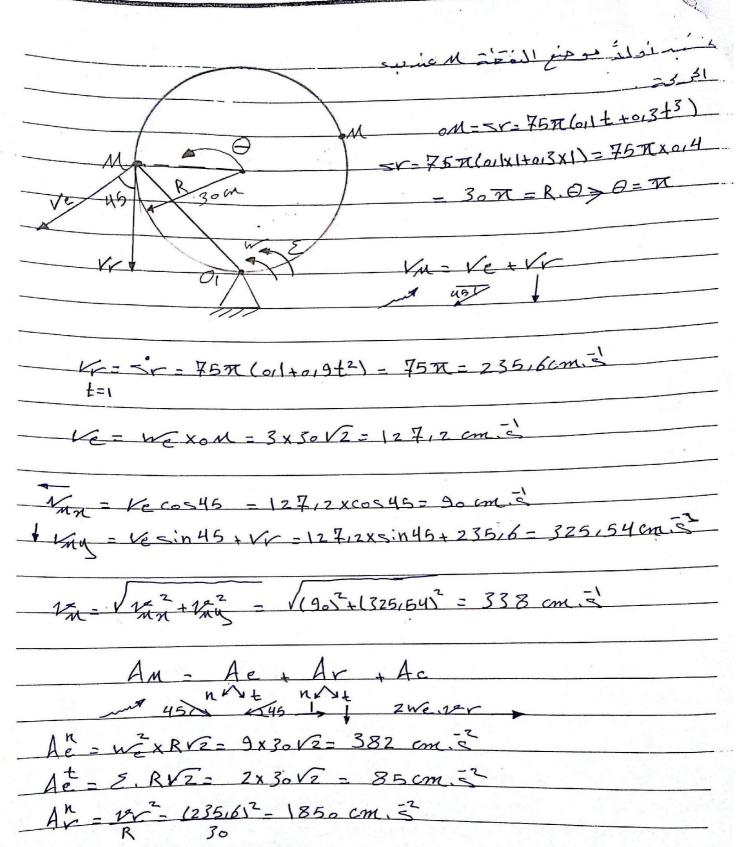
HAMAK
1 = 18p. sinho = 60. sinho = 30 \3 = 52 cm =
singo singo
12 - 12 sinão - 60 sinão = 30 cm -s
Sin 90 Sin 90
We = 20 = 015 Vad. 5
BP 60
$\frac{1}{1}$
n Nt nxt nxt
1 53e 600 0 NJO
Ap - 25, R => 2x4x15=120 cm.s
Ap = W3. R = 4x15 = 60 cm. 5
1 = W2 X BP = (0,5) 2 X60 = 15 cm. 3
Ac = 2 W 28 3 3 3 3 5 Cm 5
Ac = 2 We 2 = 2x015 x 30 V3 = 30 V3 cm = 3
no to the state of
Ae Ap Costo = An Ar
+ 120 cos30 - 60 cos60=15+Ar
AP 30 160 AT = 119 cm = 2 reidolein-se
Ae y le Fi
Aprosbo Aprosso At A
Apy 120cosbo bocos30-Act 30/3
$Ae^{t} = 59.9 \text{ cm}.5^{2}$

11

334 A 12 = 1
- 2/ A-11/2" 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
- The state of the
rulacailed and lett a listing = 3 vad in est is a si as me
\$ \Q = 45° \ = \frac{1}{2} \fr
ال شرح عرد المراكب في المراقبة على در قط كذا المراكبة
2/51
10 45 M
A 145° WARS- 3 Vad. S
θ = 45°
AB alier Le interior i and i as st
AN=RV3
M = Ve + Vr
45 45 45L
Ve= WABXAM = 3X RV2 = 3X014V2 = 1,7 m.s
C AB
41: 0 = Vesin45 - Vrsin45 > Ve= W = 1.7 m.s
N VM = 2 Ve Cos 45 = 2x1, 7. Cos 45 = 2, 4 m. 5
An : Ae + Ar + Ac
not not who zwert
Jese K45 200 745 Jus

11

RBCHAMAK (C)
An = 12,43 = 14,4 m = 3 R = 0,4 An = 9 x 0,4 \(\sigma = 5 \) m = 3
Ac= 2 wex 2 = 2 x 3 x 1, 7 = 10, 2 m. 52
41: An Arsin45 + Arsin45 - Acsin46
Ar Ant Ar + Ac Jsin 45 5,16 m.s Sin 45 - 20045 - Ar cos 45 - Ac cos 45
$AM = 5 \cos 45 + 5 \cos 45 - \cos 45 = 0 \text{ m.s}^2$ $\frac{5}{R} = \frac{AM}{R} = 0$ R
25 36 disa et a = 0, = 1 = 1 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 1 = 2 = 2
t=15ec=201 -3 M ==================================
E-3 Vad, 5, R=30 cm 1/2 11 E-1sec, S=2Vad, 5 oM=SV=757(0,1+0,3+3)
6 طلاب مندسة الميكانيك العام 2020-2015 علاب مندسة الميكانيك العام 15.2015 كالله عندسة الميكانيك العام





RBOHAMAK



At-	SY=	75 m (118t) =	- 424 0	m2		
Ac=	2 We;	v =	2 x 3 x 2	35,6= 14	413,6 cm	n.5	
	- 85 cos 3473 Ansiny	45+3820 cm. 53	145+At	50+141316	Ac	Ar	- A c
				(34733+17		554 cm.	-2
					: *		